

paperclips separated first. Have students predict what will happen beforehand.

and gently pour a 2cm layer on top. This shortens and condenses the DNA, making it visible.

- e. Wait 2.5 mins! Gently stir and you should see the white clumps of DNA start to form.

Separations:

1. Review the 5 main ways to separate mixtures:
 - a. Manual means (magnets)
 - b. Distillation
 - c. Chromatography
 - d. Solubility
 - e. Biological

Relevant Fields:

1. If you have time, discuss some jobs that use these sorts of separations in their everyday duties.